Tradition marks Johnson's Inauguration



Vol. 86, No. 36 Cambridge, Mass., Tuesday, Oct. 11, 1966

MIT plans overhead bridge at 77 Mass. Ave. entrance

By John Corwin

chusetts Avenue at the 77 en- action could be taken. tranceway, to promote safer traffic conditions.

Professor Eduardo Catalano of Faculty spotlight the Department of Architecture is currently working on finalizing the design for the crossing structure Details include construction of a dividing strip in the middle of the road, similar to the strip at the intersection of Massachusetts Avenue and Memorial Drive. Also, a traffic light may be installed at Amherst Street, and the curbs of the street might have to be moved during construction.

Two alternate plans, one of building a tunnel and the other of depressing Massachusetts Avenue, were rejected by the committee.

The present design will be completed in about a month. If the final plan is not significantly different from the present design, it will be approved by the President and several of his advisors.

'70 council meets; votes on officers

John Dollar of Burton House was elected president of the class of 1970 Sunday night at the first meeting of the Freshman Class Council. Curt Nehring of PMD was elected vice-president, and Chris Thurner of SAE was elected secretary-treasurer.

Sears to speak of YR meeting

resentatives.

The plan would then be submit-The Executive Committee of the ted to the State Department of Harvard University, spoke next a period of vast change and ac- is, obviously, doing very well." MIT Corporation has decided to Public Works and the Cambridge as the representative of the complishment at MIT." have a bridge built across Massa- City Council before any final American universities. He noted

Gurney writes comedies



Professor Albert R. Gurney ponders a student's comment during his 21.02 class.

(This is the continuation of a series focusing on the Institute's top teachers. The Tech welcomes suggestion for future installments from our readers.)

By Dave Kaye

paramount importance in human is experimenting involves asking existence. On a somewhat less the audience to assume a role. grandiose and more personal lev- For instance, in a new play, el, war has played a significant 'David and Goliath,' Professor part in the life of MIT's associ- Gurney endeavors to instill a ate professor of English, Albert sense of community in the audi-R. Gurney, Jr.

Having been awarded a Bache-Rev. John Sears of the third lor of Arts degree from Williams Israel. Suffolk District of Boston will College, Professor Gurney served speak at the Young Republican for three years during the Korean

By Mark Bolotin

Friday's Inauguration of Howard Wesley Johnson as the twelfth President of MIT, clothed in the traditions of such a ceremony, was highlighted by President Johnson's inaugural address before an audience of more than 4000 in which he outlined the principles to which MIT adheres.

(Excerpts from President Johnson's Inaugural speech appear on page 4.)

Procession of delegates

The Inauguration began with the colorful academic procession-composed of faculty, students, alumni, MIT corporation members, and, by custom, official delegates from sister universities, colleges, and learned societies. The procession, led by Chief Marshall Charles Poor Kindleberger, Professor of Economics and Chairman of the Faculty, entered Rockwell Cage at 10:18 am to the tempo of the MIT Concert Band.

The delegates were the academic regalia-robes, hoods, head lach, Rector of the Technical pieces, and ornaments—that distinguish their individual institutions. Representing 234 universities and colleges and 31 learned societies, they marched in an order corresponding to the year their institution was founded.

Ceremonies begin

Following the completion of the procession, Chief Marshal Kindleberger formally announced the start of the Inauguration. The invocation was given by Theodore Parker Ferris, Rector of Trinity Church of Boston.

Dr. James R. Killian, Jr., Chairman of the Corporation and a former President of MIT, introduced the featured speakers and saluted President Johnson as a man capable of handling the responsibilities ahead of him.

Volpe lauds Johnson

John A. Volpe, Governor of the Commonwealth of Massachusetts. spoke first and extended the greetings of the Commonwealth to President Johnson and MIT. He lauded President Johnson and, in particular, stressed his reputation as an educator in the Sloan the choosing of a university presi- who, like Moses' sibling, 'stood at School of Management. Finally, he presented President Johnson Revere Patriots.

Pusey speaks

the great importance attached to "spokesman for an older sister

Photo by Art Kalotkin

Photo by Art Kalotkin

Dr. Friederich-Wilhelm Gund-

University of Berlin, presents

Pres. Johnson with a book on

Berlin after the inauguration

ceremony Friday.

President Howard Johnson receives a copy of the Institute's Charter from the Chairman of the MIT Corporation, Dr. James R. Killian, during the Inauguration ceremonies Friday morning in Rockwell Cage.

dent. because of the increasing a distance' to see what would role that colleges play in society. happen when the baby was found with membership in the Paul He looked upon the administra- among the reeds. Today, from tion of President Johnson "as the Harvard's point of view, the Incommencement of a new term of stitute no longer seems far down-Nathan M. Pusey, President of promise and progress following stream, and the baby institution

Pusey explained he was a

Aigrain speaks

Representing the foreign universities was Pierre Raoul Roger Aigrain, Prefessor of Physics at the University of Paris, founded in 1253, and Director of Higher Education in the French Ministry of Education. As a former professor at MIT, Aigrain said he felt it difficult to speak as the representative of the foreign universities.

Lauds MIT as leader

He lauded MIT as a leader in ing one student produce a movie solving the problems of scientific, and has helped advise another in technological or even sociological education. He praised MIT for Professor Gurney regards the further "showing its guiding light humanities department as com- in selecting for president the dean plementary to the other academic of one of its newest schools, one divisions of MIT and likes teach- concerned with industrial admin-

(Please turn to Page 5)

This production, in conjunction ubiquitous freshman core courses with prior theatrical efforts at in humanities (21.01X and 21.02). Williams, motivated him to ob- In addition to being faculty adtain his Master of Fine Arts de- visor to Tech Show, he is helpgree from Yale University.

Published playright Thus, for fifteen years, in his spare time, Prof. Gurney has been writing comedies and musicals, many of which have been published and produced. For example, 'The Rape of Bunny Stuntz,' which was performed last year in New York at the Cherry Lane Theater, the musical 'Tom Sawyer,' and the drama 'Three People' have all played throughout the country.

At this point, Professor Gurney is, in his own words, at "a transitional stage." Whereas he used to write light, high comedy, he is now attempting to deal with more complicated themes while retaining the form of comedy, in this manner suggesting "profundity under an ostensibly light sur-For centuries war has been of face." One device with which he ence by having them imagine themselves to be the children of

7th year of teaching

boosting musical for the crew. process of revision), and the writing a novel.

(Please turn to Page 3)

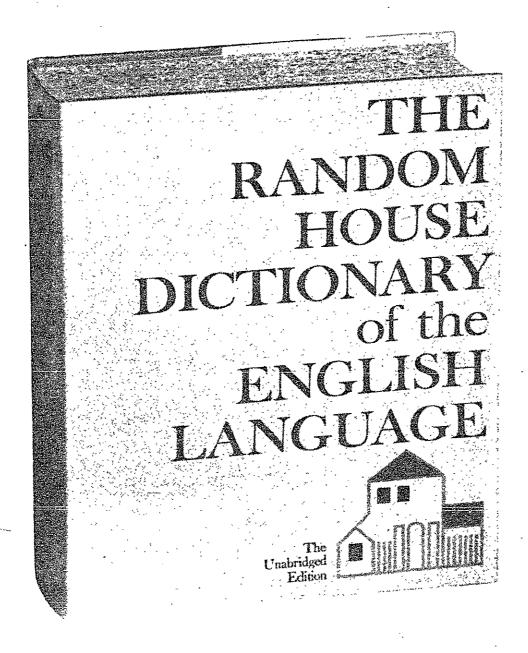
Johnsons hold successful reception; over 2000 undergrads aftend



Photo by Stephen Lee

President and Mrs. Johnson receive one of more than 2000 These efforts, however, are pro- undergraduates and their dates at the inaugural ball. The affair Club this evening at 7:30 in the War as an officer in the United ducts of summers and spare time. was a tremendous success, with entertainment by Lester Lanin Vannevar Bush Room. Mr. Sears States Navy. It was during this In his seventh year at MIT Pro- and his orchestra along with two other groups. Plush floral decis seeking re-election to the Mas- time that, while cruising on a fessor Gurney teaches "The Na- orations were arranged by Mrs. Kenneth R. Wadleigh. The Johnsachusestts State House of Rep- carrier in the Mediterranean, he ture of the Comic' (21.36), 'The sons were given a 1-minute standing ovation by guests in apprewas ordered to put on a morale- Drama as Theater, (21.33 and in ciation toward the end of the reception.

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me above are correct and complete. Benjamin G. Cox, Business Manager Citizens picket

olpe orders Belt restudy

By Gerry Banner

Governor John A. Volpe last Wednesday ordered a restudy "from scratch" of the plans to lay the Inner Belt through Cambridge along the Brookline-Elm Street route selected last spring by the Massachusetts Department of Public Works.

Encouraged by this announcement, several Cambridge citizens picketed Friday's inauguration of President Johnson. They also issued an open letter to the President supporting the Portland-Albany Street route, which is a block north of Vassar Street.

The letter was endorsed by the MIT Civil Rights Committee, the MIT City Planning Students for Social Justice, and the MIT chapter, Students for a Democratic Society.

was selected by the DPW after pe's running mate in November. hind Vassar Street. MIT did stand many long studies of the various DPW at that time was Francis any of the various proposals in- significant part of its campus.



Cambridge citizens picket President Johnson's inauguration. They hope to enlist his support in their drive against the Brookline-Elm Street route for the Inner Belt expressway.

W. Sargent, Republican candidate cluding one that would run along The Brookline-Elm street path for Lieutenant Governor and Vol- the railroad tracks directly be-

possibilities. Commissioner of the Council refused to recommend would have cost thee Institute a

Last spring the Cambridge City against the railroad route which

This Saturday, October 15, Cambridge citizens and others who wish to "Beat the Belt" will gather at Boston Common to march on the State House.

Gurney advises creative students

(Continued from Page 1)

ing in a school which is, in general, committed to science and technology. Not particularly interested in creating candidates for graduate school in English, Professor Gurney prefers "teaching and conversing with bright students who seem to be in ... with the special problems of these technologically oriented times.'

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Past and future

The pomp and ceremony of President Howard Wesley Johnson's Inauguration surprised and pleased many normally blase MIT students.

The typical MIT reaction to anything smacking of ceremony is often one of quiet derision, but Saturday's ceremony served to remind its viewers of the serious side of the Institute and its purpose.

That we chose to induct our new President in such a regal manner testifies to the fact that we are indeed conscious of the social significance of science and technology. Perhaps many 'Tech Tools' were surprised, and also pleased, that a ceremony so colorful and dignified, so heavy-scented with history, so resplendant with the grandeur of the academic profession, could occur at MIT.

The splendor and magnitude of the inaugural ceremony symbolize the movement of this school toward a full realization of former President Julius Stratton's description of MIT as "a university polarized around science." Since Stratton became acting President in 1957 and full President in 1959, MIT has made efforts to broaden its educational programs in areas outside of science. Among technical schools we were a leader in this movement: and as a result we have departments in economics, industrial management, and humanities that stand by themselves.

President Johnson's inaugural address assured us that the Institute will

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> Front page photo of Pres. Johnson at the Inaugural podium taken by Art Kalotkin

continue to expand its horizons by applying itself to broader fields of endeavor.

No doubt the topic of which new fields the Institute should enter will be a prominent one in the future conversations and deliberations of the faculty and the Institute as a whole. But even the coming debate on how much of a 'complete' university MIT should become will indicate how alive and kicking this place still is.

Saturday's ceremony was an anchor in past tradition from which our new President can lead *o the future.

Letters

IFC reply

To the Editor:

To respond to your October 4 editorial 'Pick and Choose' is indeed a formidable task. I thought, however, that a letter would be most appropriate to correct a few of your misconceptions.

Rush Week is indeed a hectic time and it would be foolishness on my part not to admit its destantly under review by the IFC so that the interests of MIT and mitory Council to establish an als, our chapters have remained within five years? activity program tying Rush Week strong. Would one amputate a leg to Freshman Orientation. Further because of a scraped knee. action of this type is seen for the

distinguishing feature of the MIT Pre-rush Week meeting, we strive fraternities is that they have ap- to see this carried out. The role proached the problem maturely of the IFC has always been to and responsibly. They have re- act as the coordinating body for

To participate in Rush Week successfully, a freshman should Discrimination has been the be adequately informed. Through stigma of the fraternity world for an extensive program of summer a number of years. This situa- visits, mailings by the individual tion is no less true at MIT. But a houses and by IFC, and by the sponded by spearheading drives our twenty-eight autonomous fra-

to rid their national charters of ternities. In no case is it our pothese sordid vestiges and in al-sition to distribute information most every case they have met about individual houses. They do with success. Since World War II, this themselves. If a fraternity when over half the National Fra- chooses to inform rushees of its ternities represented on campus discriminatory status in person had discriminatory clauses, this rather than by mail, this is its number has been reduced to a right. Without too much thought, handful; and with the constant one can see why this would be support of our chapters, year by so. As prescribed in its constituyear the list is whittled down. tion, the purpose of the Interfra-We can take pride in the fact ternity Conference is "to promote fects. It has many, but under the that this agitation is accomplish- the interests of the Massachusetts present system of undergraduate ed through the inside rather than Institute of Technology and its housing it is the best solution to by bolting from the National, fraternities." Is it unreasonable the problem. Rush Week is con-thereby tossing in the sponges. It to assert that it would not be is a well known fact that the promoting the interests of either great majority of chapters that by publicly branding those chapits fraternities will be protected. have gone "local" have shortly ters striving to eliminate dis-This past Rush Week, for exam- thereafter become defunct. So by criminatory clauses from within

> As a contributing member of the MIT Community, the Interfraternity Conference supports the Institute's inherent philosophy and its public responsibility which make it impossible to condone discriminatory practices. But we take, along with the Institute, a mature attitude toward a situation which is improving steadily.

> > Kevin J. Kinsella '67 Chairman of the Interfraternity Conference

(Ed. note-Mr. Kinsella's account of the success being made by the MIT fraternity system in ridding itself of discriminatory practices is heartening. However, we fail to see that our original position that MIT fraternities which still do discriminate be requested to publicly reveal their practices would do anything but speed up the process. Instead of being 'branded' as a discriminator, any house which advertised their fight against their national's unfair clauses just might attract the type of activist pledges who can contribute the most to a living group. We doubt that the full truth about their bidding practices would seriously harm any MIT fraternity.)



The University of the Future

(Following are excerpts from President Howard W. John. son's Inaugural Address delivered Friday in Rockwell Cage.)

One hundred years ago, with the founding of MIT, began a new revolution in education, based on the worth of useful knowledge and committed to the full development of a young and vigorous country. That revolution, too, has never stopped, and we propose to continue it.

It is a hard fact or our time, in this last third of the twentieth century, that relentless change has forced the universities into the forefront of society, from a supporting role to a leadership role... Now, it is clear that society will turn more than ever to the university for help in raising the standards of life, for providing new ideas for solving problems and, most of all, for providing new kinds of leaders . . .

The university must now more than ever be concerned with educating men who have both the understanding of science in a modern world and who have the character and taste to represent the highest standard.

The first outstanding characteristic of MIT is its direct capacity to act, to respond to problems and to solve them in effective powerful ways . . .

I believe the general range of problems attacked by MIT in the future will shift more and more to those that understandably affect the ways in which our society lives, that this institution will increasingly exert its power toward problems of human significance, It seems clear to me that we have reached the stage of population levels and aspirations when the happy and productive ordering of our community lies in massive solutions to our problems in education, in urban living, in regional development, in commerce and industry, in transportation, in medicine, and, yes, in the peaceful conduct of nations. And the effective solutions to these problems become of first priority to the nation.

The second outstanding characteristic of MIT is that this is a university in which the bone structure is science and engineering. Science is fundamental to MIT's past and, I believe, to its future. The study of science has outlined the educational pattern for all our students, and the pursuit of scientific research here has been the drumbeat to which our faculty and, indeed, the world listens.

We hold that it would be inadequate for the basic education of the MIT man stop at science and engineering. We hold that both frameworks, science and the humanities, are complex requisites to the education of the man who is to occupy the leadership responsibility in tomorrow's world.

The threat implied in the concept of the separateness of the two cultures lies in the narrow arrogance of power based on assumptions of a pre-eminence of a specialty. This narrow specialization, is what we propose to avoid—a specialization, I might add, found as easily in medical doctors, businessmen, and politicians as in scientists and humanists. My point is that the future will demand of MIT a great deal more than that it simply bridge the supposed schism between two cultures, where the not so well-rounded scientists can be as ignorant of Shakespeare as the humanist is of the second law of thermodynamics. We shall have to provide the true generalist capable of dealing with the great problems cutting across every area of our lives.

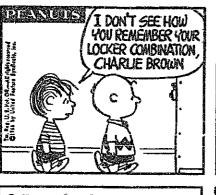
MIT can be proud of its revolution in broadening the base of education in the humanities as well as in science, but what we have done is not enough. We must continue to strengthen the power of the confluence of science and the arts. We have found productive avenues for the strengthening of many areas of the arts. but we must find more ways of strengthening the interaction between these two parts which are indeed, not separate at all.

I come now to the final characteristic of MIT and surely its most important—our students—their quality, their motivation, and their outlook. For one hundred years the men who have emerged from MIT have become part of that moving parade that has made of this institution a great historical force. The present generation of

MIT is a relatively small institution in size, relatively large in ple, we cooperated with the Dor-maintaining ties with their nation- and who will all have succeeded its influence on society. Our emphasis continues to lie in the quality on which this nation depends for advancement, rather than on great numbers. The men and women who emerge from MIT in the future will have an increasing advantage, a richer breadth, as well as MIT's characteristic ability to deal in depth. I believe that the university man today has a special requirement placed on him to perform effectively for society. For it is performance that is the final standard of a man's worth. He will be concerned with service to society, service in the cause of society, and the well-being of his fellow man. He will have the ability to appreciate the whole, to compose confidence with a sense of the beauty of life and the tragedy. He will carry a deep-rooted sense of responsibility. He will have an enjoyment of life that will set him apart as a member of that select band who through the years have known the pleasure of intellectual advance and solid social accomplishment, who have high ideals and yet no illusions about what remains to be done or the difficulty of dealing with an ambiguous world. He will have learned, as Justice Holmes has put it, "that life is a profound and passionate thing." And in seeking to serve his fellow man, he will come closer to understanding man's purpose on this earth.

> This, then, is the new call to the university of the future. As the Institute, founded by William Barton Rogers, proceeds in its second century, we call for a renewal of our historic plan. The elements of this plan draw from the basic fibre, the very character of this institution: our power to act, our foundation in science and our commitment to research, our determination to build the humanities and the arts, our emphasis on the importance of the environment and, above all, our expectations for the performance of our students. These basic propositions make MIT a university that never looks back as a conserver of the past but always forward as a maker of the future.

> I believe MIT's record in this process, over the coming years, will illumine our society in significant ways both directly through the men and women who come from the Institute and indirectly through the example MIT sets for others. In this great cause, I join my colleagues, and, conscious of the valiant work of those who have gone before us, and of the hopes of those to come, I say, with confidence, let us go on.

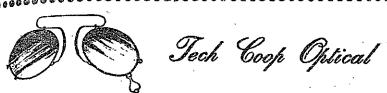








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thought a generation ago to belong to science and technology, and which Dean Johnson was instrumental in developing into a new technology."

(Continued from Page 1)

Theodore A. Manglesdorf, President of the Alumni Association, spoke in behalf of MIT's 55,000 alumni. He considered it a special tribute to President Johnson that he, altough a non-alumnus, had been elected President by the predominantly alumni - membered Corporation of MIT.

Manglesdorf pledged the conistration, a field which was not tinued dedication of the alumni "to the objective that MIT continue to be the leading engineering and scientific school in teaching and research and service to the world while at the same time providing unsurpassed facilities for future students at MIT to become educated in the Humanities equipped to take a whole-hearted and intelligent part in the complicated civilization in which we now live."

March represents students

Frank A. March '67, President of the Undergraduate Association, spoke as representative of the students. He praised the sense of innovation and change which makes MIT unique. He also praised the atmosphere conducive to learning which prevails at MIT. March found proof of this atmosphere in the words of former President Julius A. Stratton, who said, "The men and women who graduate from MIT are, by far, the most valuable product we give to our country or to the world. They are, in fact, the essential reason for our being."

Back in two weeks

The greetings from the Faculty were brought by Elting E. Morison, Sloan Fellows Professor of Management. He referred to President Johnson's resignation as Dean of the Sloan School of Management to assume a post in Federated Department Stores, at which time he claimed he would not be back at MIT. Just two weeks late, the announcement was made that he would resign his new position and return to MIT to become its twelfth President. Morison assured the audience that President Johnson would serve with his customary dedication and solve the problems of the office with his normal brevity.

Musical interlude musical interlude followed

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James E. Cunningham conducting (



Photo by Art Kalotkin

Professor Pierre Aigrain of France (left) and MIT Provost Jerome Wiesner listen intently to President Johnson's inaugural address.

this portion of the program. The MIT Choral Society, the MIT Glee Club, and members of the Boston Symphony Orchestra presented-selections from The Ode for St. Cecilia's Day by Henry Purcell.

The ceremony continued with the Investiture into office of President Johnson. Dr. Vannevar Bush, Honorary Chairman of the Corporation, presented President Johnson for the Investiture. Dr. Killian then gave Johnson a copy of the Charter of MIT, symbolic of his assumption of new duties.

Inaugural address

President Johnson then gave his inaugural address. He replied to Dr. Killian that in accepting the presidency of MIT, he is both mindful of the inherent responsibilities and welcoming the opportunity to devote himself to the goals of MIT.

Johnson continued by replying to the featured speakers. He pledged himself to try to achieve the goals which they have set before him, as he stated "It is altogether fitting that, periodically, we take the time to re-affirm cur reliance on the main principles of our free educational endeavor." He thought it especially fitting that such a re-affirmation take place in Cambridge with its heritage in American education and American indepen-

Seek whole man

He explained that the "University must now-more than everbe concerned with educating men who have both understanding of science and of society in a modern world and who have the character and taste to represent the highest standard." MIT must. therefore, respond more and more to these demands to produce the whole man.

Hope for future

He concluded his address with the hope that MIT's past record will set an example for the Institute to advance to meet these and other problems.

The ceremony was quickly concluded with the playing of the National Anthem, Chief Marshal Kindleberger's announcement that the Inauguration ceremonies had been concluded, and the Recessional.

FOREIGN SERVICE CAREERS

MR. MICHAEL MICHAUD, Foreign Service Officer will be on campus October 14 to discuss career opportunities.

> A film, "In Search of Peace," will be shown See your Placement Advisor for details.

The Stockholders, at their Annual Meeting on Wednesday, October 5, 1966, made the following nominations for Stockholders, Officers, and Directors:

COOPNOMINATIONS

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Dr. Dana L. Farnsworth Professor Edward S. Mason

OFFICERS

President - Stanley F. Teele

Vice President and General

Counsel - Austin W. Scott

Vice President - Malcolm G. Kispert

Secretary - Philip A. Stoddard

Treasurer - L. Gard Wiggins

To Hold Office For Three Years. Dean William F. Pounds

To Hold Office For One Year.

From the Officers or Alumni of Harvard.

Milton P. Brown **Bruce Chalmers** Louis Loss Robert S. Mullen **Elliott Perkins** Arthur D. Trottenberg

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From the Officers or Alumni of M.I.T.

Robert J. Holden Donald P. Severance

From Harvard - Class of 1967 John R. H. Vorhies, Jr.

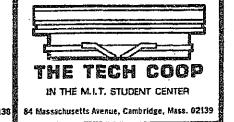
From Harvard - Class of 1968 Daniel H. Smith

From Harvard - Class of 1969 Jack W. Davis, Jr.

From M.I.T. - Class of 1967 Frank A. March

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To volunteer or obtain further information, call Dr. Jacobs at the B.U. Medical Center, 262-1400, extension 692, weekdays, 9-5.

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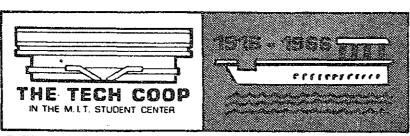
Thursday is Dividend Day at the Coop ... that 365th day when Coop members claim an annual patronage refund on every product

or service purchased during the past year. Starting Thursday you can pick up your check for the membership year ended June 30. 1966 Celebrate! The Coop has plenty of values for the coming year. There's the new Random House "Dictionary of the English Language"... the dictionary that caught up with the English language by including thousands of new words and phrases of the past ten years.

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OUR 50th ANNIVERSAR

band plays concert



Photo by Art Kalotkin

The MIT Concert Band, conducted by John Corley, is shown here in front of the Stratton Student Center performing one of their many and varied selections during the plaza concert Sunday



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Johnson receives 'inalienable rights' as Revere Patriot

President Howard W. Johnson was named by Governor John A. Volpe Friday morning to the famed Order of the Paul Revere Patriots.

. In doing so, the Governor granted the President certain "inalienable rights,' which are quoted below from the certificate of membership:

- 1) The right to dump tea in the Boston Harbor;
- 2) The right to graze his cows upon the Boston Common: 3) The right to coast down Bur-
- ker Hill (weather permitting); 4) The right to hang not more than two lanterns in the beling
- arch of the old north church; 5) The right to engage in target practice (with muzzle-loading) musket only) on the slopes of Bunker Hill, with the special privi ilege of shooting any man dressed in a red coat, providing the whites

of his eyes are showing; 6) The right to exceed the speed limit (on horseback only) through every village and farm in the County of Middlesex between surset on the eighteenth day of April and sunrise on the nineteenth day of April in each year;

7) The right to wear on all state and formal occasions, the traditional tri-cornered hat enblematic of the Order of the Paul Revere Patriots.

The document concludes: "Witness my hand and the seal of the Order of the Paul Revere Patriots at Boston, County of Sulfolk, Commonwealth of Massachusetts, this seventh day of 00 \$ tober, 1966. Signed, Governor John A. Volpe, and Kevin A White, Secretary of the Common

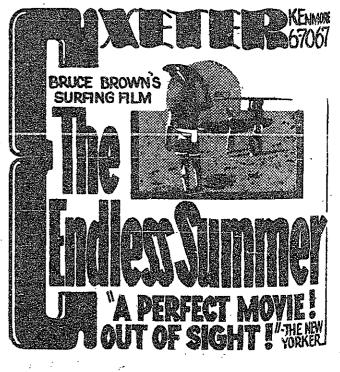
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Coltrane's New Jazz enthralls listeners

By Jack Bernstein

John Coltrane treated a near rapacity crowd at Kresge Audifriday night to an extraordinary example of what contemporary music (The New Jazz) should sound like. The absence Pharoah (Farrel) Sanders was he cause of a momentary disappointment; a young man of musual strength and ability, Sanders has pushed Coltrane and his music out to new horizons. Colrane's music, which has taken a frankly religious or mystical significance in his last three alhuns for Impulse, never sounded more vibrant or alive.

Peaceful yet frenetic

Coltrane, his wife Alice on pi-James Garrison, bass, and Rashied Ali on drums literally that was as peaceful and quiet as a Debussey Prelude and as frenetic and exciting as the climax of Ravi Shankar Raga. It idential be pointed out that Frilav's audience was privileged on

To my knowledge, this was the first time since Newport of 1965 hat Trane has performed with a quartet, or to put it another way, as the only horn; this gave s an unusual opportunity to appreciate how far Coltrane has developed. Also, this is probably the last time we will hear James Garrison play bass with the group,



Photo by George Flynn John Coltrane, playing the the audience with a music tenor sax, performed with his quartet in Kresge on Friday

as he has announced his intention of co-leading a trio with the West Coast pianist Hampton Hawes (they will start a tour from Boston in about a month).

Drum solo

The concert opened with 'Naida,' an old Coltrane standard, which was hardly recognizable to even the most ardent Coltrane fans of many years standing.

Rashied. Then John and his wife did a duet which James and Rashied could not stop talking about after the concert. The piece, as yet untitled, was described by John as being 'second' intervals on chosen notes.

Five minute applause

Next came perhaps the most noteworthy individual performance of the entire evening, as evidenced by the applause for tet continued to play. James Garrison performed a bass solo which was a tour de force of stringed instrumental styles. He played everything from Spanish Guitar to stock Henry Mancini bass lines, at times sounding like the entire string section of a symphony orchestra, and making unorthodox use of the bow in an arco-percussion style which went so far as to approach John Cage's conception of music when he tapped the microphone with his bow. Coltrane concluded the program with a popular favorite, 'My Favorite Things,' a piece written by Rodgers and Hammerstein and interpreted by John Coltrane. It was most evident here how far Coltrane's music has come in the past five years.

We are now faced with a music which may not always be pleasant to the ear, but one which, in the words of Detroit Next came 'Leo,' a recent com- poet John Sinclair, "can teach poition of John's which was fol- us to stand like men in the face lowed by a long drum solo by of the most dulling insensitivity."

defeating Coast Guard, 15-49. Wesleyan also entered the race, but they did not have enough of the team present to receive a some five minutes while the quar- score. Led by Ben Wilson, who covered the 3.1 course in 16:20 the frosh took seven out of the first nine. The harriers will be out for their third victory of the season Friday afternoon against

By Stan Kask

MIT's freshman cross country

team registered its second vic-

tory of the season Saturday, by

Frosh sports

Wilson leads harriers

to second straight victory

Booters drop opener

New Hampshire.

Unfortunately, the frosh soccer team did not fare so well. They were defeated 1-0 by Lexington High School Saturday. Both teams played brilliantly on defense, but Lexington managed to sneak in a kick while confusion reigned near the goal.

The frosh will take the field again Tuesday, against Tufts.

Sailers finish second

Tufts was the scene of a sailing meet yesterday, in which eleven teams participated. MIT's frosh finished second to Coast Guard. Yale was third, followed closely by Harvard. Bill and Jim Bricker acted as skippers, when Tony Picardi and Dave McCone as

The top four teams finished within 6 points of each other and if the MIT "A" boat had not been disqualified in one of the races the final result would have been in Tech's favor. The next meet will be Coast Guard invitational October 23.

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stor — 'Alfie,' 1, 3, 5, 7, Prattle — 'L'Aventura,' 2, 4:30, 7, 9:30. Equire -- 'Mandragola,' 7:30, 9:30. Exeter — 'Endless Summer,' 2, 3:45, 5:40, 7:30, 9:20. Orpheum — 'Arnbush Bay,' 1:25, 3:30, 5:35, 7:35, 9:40. Paramount — 'Seconds,' opens Wed. Park Sq. Cinema — 'Mandragola' 2:15, 4:10, 6, 8, 10.

Sevoy - 'Alvarez' Kelly." Saxon — 'Dr. Zhivago,' 8:15: Wed., Sat 2, 8:15: Sun. 2, 7:30. lymphony I — 'The Camels are flying' and 'And Quiet Flows the

Man — 'This Property is Con-daned,' 1:25, 5:20, 9:20; 'Cham-er of Horrors.' 3:35, 7:30. Much Theatre — 'Cabaret.' Thetre Company of Boston — 'Ma-ral de Sade,' Oct. 20-Nov. 14.

Course XVIII initiates

A series of Wednesday after-

mon teas in the Mathematics

Common Room (2-290) from 3:30 4:30 has been started as an fatormal meeting ground between mathematics undergraduate stu-

dents and some of the faculty.

It is expected that these affairs may become topical later in the war; that is, the instructors of specific subject or a group of

lipologists may be invited on spe-

dic Wednesdays. Information a-

but such affairs will be posted

on the bulletin board opposite the

epartment headquarters.

Mergraduate teas

Pocket Billiards entries now open; finals scheduled for December

MIT's Pocket Billiards Tourna- in the Sala de Puerto Rico with in the New England Regional tion. Competition in the spring. Entries

The first matches will begin final match. Saturday morning, October 22, and the championship match is please contact Jack Rector '68, scheduled for Friday night, De-tournament cember 9. The finals will be held KE 6-1139.

ment will be held in the fall this the added attraction of television year so that the winner can play coverage by a local Boston sta-

Doug Friedman '68 will be back are now being taken at the Stu- to defend his crown against a dent Center games room and will field of excellent players. Compebe open until October 19. All reg- tition promises to be stiff and existered graduate and undergrad-citing. Facilities will be available uate students are eligible to play. for seating over 400 people at the

> If there are any questions director, x3782 - or

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Wednesday, October 12

Speaker: MR. KENNETH CURTIS

- Minister to Students, Tremont Temple Baptist Church

Topic: "The Mystery of Incarnation"

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fested in the world has been focussed on the domain of ideas; but God is still more generous: The Word became flesh, and lived among us."—John 1:14

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SPANTERSON Antonioni's "L'Avventura"

4:30, 7:00, 9:30 Starting Wednesday:

Antonioni's 'Red Desert'

5:30, 7:30, 9:30

Fred Souk '67 carries the ball as Terry Bennett '70 upends Beta defenseman Keith Davies '69 midway through the first period of Saturday's game. Rick Young '68, Tom Chen '68, and Bob O'Donnell'67 close in on Souk for the tag. The Beta offense, however, proved to be too much as holes, sank a ten foot birdie putt lie cost Thomas another stroke on they scored six times to rack up a 38-8 score.

by Herb Finger

Beta Theta Pi made a resounding bid to capture another IM football trophy by defeating Sigma Alpha Epsilon by a 38-8 score. The Betas relying on excellent passing and strong defense, found season playoffs off a 12-0 victory little trouble with the SAElor

Early in the second quarter Steve Schroeder '67 hit Tom Chen '68 for a thirty-yard gain to the SAE 25. Schroeder then hit Jim hard moving against the big DU Cormier '68, who carried the ball over for the score. A pass to ing to yield to the DU attack. Greg Wheeler '67 for the extra point made the score 7-0 Betas.

A few minutes later the Betas again scored on a Schroeder to celled on defense. Cormier pass, this one covering 45 yards. Just before half time Tom Chen interecepted a Fred Souk '67 pass to set up the third Schroeder to Cormier pass. The Betas led at halftime 19-0.

Betas score three more

The Betas scored three times in the third quarter on passes to Chen and Wheeler, and an interception and runback by Schroe-

SAE began moving late in the third quarter as Souk passed to Ted Nygreen '67 for a first down. Souk passed to Don Rutherford '67 three times to bring the ball for the only SAE touchdown of trouncing Phi Delta Theta 26-2. the afternoon.

SAE was again at the Beta goal line when Greg Wheeler inter- they downed Pi Lambda Phi 12-0. teams, the Tech booters suffered

By Rick Richey

Coast Guard Saturday. Four var-

MIT

Fav '69.

championship

Take 3rd in Wood Trophy

eliminations

Sailors win sloop trials

sity sailors represented Tech: captain Chet Osborne '67 with 48

George Foote '68, Jesper Munch out of 50 points. Other varsity rep-

'68, Dave Chanoux '69, and Dave resentatives were Tom Maier '67,

The following day, MIT placed '67, JV high point skipper was third in home competition for the Dick Smith '69 with 13 out of 15 Jack Wood trophy. Coast Guard points. Accompanying him was

was first with a 114 total; Har- Mike Bruce-Lockhart '69. Freshvard was second, three points off men in the meet were Steve Mil-

the pace; and Tech was third at ligan and Bill Miche's.

won the NEISA sloop JV sailors tied for first, but fresh-

at man boats lost heavily.

Betas found themselves in their Beta Tau 18-0. own end zone for a safety.

Delta Tau Delta, unbeaten in league competition, enters postover Delta Upsilon. The Delts, led by quarterback Art Von Waldburg '67, took three periods before getting on the scoreboard. In the first half the Delts found it line, but returned each time, fail-Don Raab made three key interceptions to thwart DU drives, while Tom Larsen '67 also ex-

Wyatt scores twice

In the third quarter, Von Waldburg lofted a long pass to Bob Sailing (V)-Finn Class of Harvard Wyatt '68, who raced the remainder of the 70 yards for the first Delt score. In the fourth quarter Von Waldburg and Wyatt duplicated their score, this time from 50 yards out.

Passes to Garland Taylor '67 brought the Delt within ten yards of a touchdown three times, but each time they were repulsed by the DU defense.

Elsewhere in th A league, Burton "A" took two overtime periods before scoring a safety to top to the Beta five yard line, Mike Phi Gamma Delta 14-12. Theta Fuchs '70 then passed to Souk Chi brought their record to 1-2 by

> In B League action Alpha Epsilon Pi remained unbeaten as

four boats fouled out. Varsity and

High point varsity skipper was

Mike Zuteck '67, and Joe Ferreira

The Sunday meet, neld under

racing divisions or concurrent re-

gattas: varsity, JV, and frosh.

In the varsity division two boats

from each school competed; in the

JV and freshmen divisions one

The sailors' next competition

will be tomorrow at Harvard in

boat represented each school.

the Finn Class Invitational.

threat. Two bad snaps later the defeated as they shut out Zeta

Make-up games from Saturday, October 1 will be played tomorrow at 1 and 3 pm. The playoffs are scheduled to begin this weekend.

Other scores:

Other Scores.

Bexiey 40. EC "A" 0
ATO 26, Baker "A" 6
SAM 12, Sigma Chi 9
SAE "B" 7. Kappa Sig 6
Burton "B" 20. Senior House 7
Phi Kappa Theta 7. PMD 0
DKE 12, Phi Sigma Kappa 6
Chi Phi 18, NRSA "B" 0
Sigma Nu 45, TEP 0
Sigma House 58, Baker "C" 0 Sigma Nu 45. TEP 0 Stud House 58, Baker "C" 0 Burton "C" 6. West St. Dorm 0 Baker "8" 31, Phi Kappa Sig 0 Westgate 7, Ashdown 0 Theta Delta Chi 21, Theta Xi 0

On Deck

Tuesday, October 11 Soccer (F)—Tufts, Home, 3:30 pm Wednesday, October 12

Banner medalist with 71

Golfers qualify for ECAC win by 4 over fifteen foes

By Steve Wiener

MIT's varsity golfers gained their most prestigious victory in years as they captured the 16team ECAC qualifying round at Vermont's Burlington Country to give him a shot around the Club this weekend. Led once dogleg, so he carded a bogey 6. again by Gerry Banner '68, the Gamble deuced the next hole with engineers went four under par on the last five holes to win the title over URI by four shots.

Banner, who won second place honors last week in the Sir George Williams Tournament, topped the 64 man field by firing a one under par 71, one stroke better than starting on the back nine, ram-UNH's star, Dan O'Leary. Starting on the back nine, Gerry carded two bogeys on the 10th and 13th holes before he found the green and took a bogey five. A groove. He parred the next two penalty stroke for an unplayable on the 16th, and parred out for a the next hole. After parring the

Shoots 34 on front

Banner continued splitting the for a 40. fairways as he shot regulation 4, 4, 3, 4 on the next four holes. He scrambled for birdies on the fifth and seventh holes, both short par fives; missed the eighth green for a bogey four, and finished with a six foot birdie putt for a

Captain Travis Gamble started his round by losing five strokes to par on the first seven holes. But then the Tech pilot rose to the occasion by parring out for a 77, the ninth lowest score for the tournament.

Travis began a streak of pars on the eighth hole. He then missed his approach shot on the twelfth, and rimmed his nine-foot

par putt and carded a bogey. His drive off the thirteenth tee carried the fairway trap on the right but was too close to the woods a fifteen foot birdie putt, parred the 15th, 16th, and 17th with fours, and birdied the final hole with a ten footer for a 41-36-77.

Thomas fires 79

Sophomore Tom Thomas, also med home a thirteen foot putt on the eleventh to go one under par, but then missed the twelfth fourteenth, Tom bogeyed three par fours, then parred the eighteenth

He began the front by lipping a par and then a birdie putt. On the third he three putted for a double bogey 5. Tom found the shade of the trees once again on the fourth: he chipped out and then held the green with a four wood for a bogey. Last year; number one frosh rebounded under the pressure and shot one under par on the last five holes. Tom three putted the par five fifth after once again holding the green with a four wood. Thomas held the sixth green with a four wood and ran in a 65 foot birdie putt on the seventh. He parred out for a 39.

Greg Kast '69 rounded out the Tech scoring with an 83. He started off the day by taking three strokes to blast his ball from a pile of leaves in-a fairway trap, but recovered with a fifty foot birdie putt on the second hole. He missed three of the remaining greens on the front for a 41.

Kast rolled over the tenth green and fell short of the eleventh to lose two more strokes to par. A provisional ball cost him a six on the par four twelfth. After bogeying the next two holes, Greg fired four pars to come in with 42.

Finals at Bethpage

MIT's charge down the stretch, during which they gained four strokes on par and five on URL left them at 310, four shots ahead of URI and seven up on Brown The victory qualifies the team finishers in the three other qualifying rounds in Maryland, New York, and Pennsylvania. Thursday they will host URI in a preview of the ECAC finals.

downs ione

By Paul Baker

Coach Bill Morrison's varsity booters dropped their third game, as Middlebury overpowered them 4-1 Saturday on Briggs Field.

Middlebury scored in every quarter, while Tech's only goal was made in the second period by Tom Turai '69.

Although Middlebury was expected to be one of the tougher cepted an SAE pass to stop the Lambda Chi Alpha also went un- from ragged play as they made several costly mistakes. Middlebury worked the ball well and often had second shots at goalie some poor luck as several of their shots that could have gone either way missed the goal by small margins.

> After Turai scored, making it their third goal. 2-1, the engineers seemed to gain momentum. They took the offen- win against three losses. ed to change, but this was sub- Tufts.



Photo by Jeff Reynolds

Tom Turai '69 (24), Tech's to play in the ECAC finals to be Roy Talus '67. Tech did have only scorer Saturday, deflects held at Bethpage, Long Island, a Middlebury scoring attempt. October 20-21. Their opponents Gavin Cloe '68 (12) and Bayo will be the first and second place Adjadi '68 look on.

dued when Middlebury scored

The team record is now one sive and the game outlook start- next game will be tomorrow, at

Harriers defeat Coast Guard, suffer initial loss to Wesleyan

By Tony Lima

Wesleyan proved too much for the varsity harriers Saturday, as whole, but were hurt seriously as perfect conditions, involved three the Techmen went down to defeat 34-43. It marked the first loss of the young season for the team, which defeated Coast Guard in the same meet, 43-44.

Sophomore Stan Kozubek suffered his first individual loss of the season, as he lost to Wesleyan's Ambrose Burfoot by 21 seconds. Kozubek covered the 4.7 mile Franklin Park course in 23:47. The team was also hurt badly when Jim Yankaskas '69 collapsed from heat exhaustion with % mile remaining in the race. Yankaskas was running in fourth place at the time. As a result of his injury, he spent the rest of the day in the infirmary.

Two other high finishers for the engineers were Pete Peckarsky '68 and Dan Hoban '68, who finished sixth and eighth respectively. Peckarsky covered the course in 25:56, and Hoban finished 15 seconds behind him. Behind them, the Beavers finished thirteenth through fifteenth and eighteenth. They were, in order, Henry Link '67, John Usher '69, Helge Bjaaland '67, and Geoff Hallock '69.

The harriers have their next meet Friday at New Hampshire, beginning at 3 pm.

How They Did

106. MIT boats sailed well as a

Cross-Country Wesleyan 34, MIT (V) 43 MIT (V) 43, Coast Guard 44 MIT (F) 15, Coast Guard 49

Golf MIT (V) first in ECAC qualifying

Middlebury 4, MIT (V) 1 Lexington I, MIT (F) 0

MIT (V) third in Jack Wood Trophy MIT (V) first in NEISA sloop championship eliminations
MIT (F) second in undecagonal
at Tufts

There will be a meeting for all varsity, freshman, and assistant managers Thursday at 7:30 pm in the Varsity Club Lounge in the Armory. Anyone interested in managing any sport should attend this meeting to become familiar with the work of the manager and to meet the manager of the sport involved.